

10637130

10/27/03

## XP-002250417

AN - 2002-333654 [37]

AP - JP20000211712 20000712

CPY - TERU

DC - A96 B07 D22 P34

DR - 0009-S 0009-U 0448-S 0448-U

FS - CPI;GMPI

IC - A61L27/00 ; C08J3/16 ; C08L67/04

MC - A10-E09B2 A12-V01 B04-B01C1 B04-C03C B04-C03D B14-N01 B14-N07 B14-N07D  
D09-C01D

M1 - [01] H4 H401 H481 H8 J0 J011 J1 J171 M280 M312 M321 M331 M340 M342  
M349 M381 M391 M423 M424 M430 M620 M740 M782 M904 M905 M910 N103 P714  
Q140 Q254 Q616 R032; R00009-K R00009-T R00009-Q R00009-M R06285-K  
R06285-T R06285-Q R06285-M; 0009-S 0009-U  
- [02] H4 H401 H481 H8 J0 J011 J1 J171 M280 M311 M321 M342 M349 M381  
M391 M423 M424 M430 M620 M740 M782 M904 M905 M910 N103 P714 Q140 Q254  
Q616 R032; R00448-K R00448-T R00448-Q R00448-M R09538-K R09538-T  
R09538-Q R09538-M; 0448-S 0448-U  
- [03] H4 H401 H481 H7 H713 H721 H8 M210 M212 M272 M281 M320 M423 M424  
M430 M510 M520 M530 M540 M740 M782 M904 M905 N103 P714 Q140 Q254 Q616  
R032; RA01EA-K RA01EA-T RA01EA-M  
- [04] M423 M424 M430 M740 M782 M904 M905 N103 P714 Q140 Q254 Q616 R032;  
R24033-K R24033-T R24033-M  
- [05] F012 F013 F423 H7 H715 H721 J5 J521 L9 L941 M210 M212 M240 M281  
M320 M423 M424 M430 M510 M521 M530 M540 M740 M782 M904 M905 N103 P714  
Q140 Q254 Q616 R032; RA00D5-K RA00D5-T RA00D5-M  
- [06] H4 H402 H482 H5 H589 H8 M280 M312 M313 M323 M332 M342 M383 M393  
M423 M424 M430 M510 M520 M530 M540 M620 M740 M782 M904 M905 N103 P714  
Q140 Q254 Q616 R032; R16461-K R16461-T R16461-M  
- [07] M423 M424 M430 M740 M782 M905 N103 P714 Q140 Q254 Q616 R032;  
R16890-K R16890-T R16890-M RA046Y-K RA046Y-T RA046Y-M  
- [08] H4 H401 H481 H8 J4 J471 M280 M315 M321 M332 M342 M381 M391 M423  
M424 M430 M620 M740 M782 M904 M905 N103 P714 Q140 Q254 Q616 R032;  
RA05GF-K RA05GF-T RA05GF-M  
- [09] M423 M424 M430 M740 M782 M905 N103 P714 Q140 Q254 Q616 R032;  
RA00I9-K RA00I9-T RA00I9-M

M6 - [10] M905 P714 Q140 Q254 Q616 R231 R534

PA - (TERU) TERUMO CORP

PN - JP2002017848 A 20020122 DW200237 A61L27/00 008pp

PR - JP20000211712 20000712

XA - C2002-096436

XIC - A61L-027/00 ; C08J-003/16 ; C08L-067/04

XP - N2002-262177

AB - JP2002017848 NOVELTY - A microparticle is obtained by forming an oil/water emulsion. The emulsion is formed by mixing an oil phase containing an in-vivo biodegradable and absorbable hydrophobic high molecular compound dissolved in solvent and water phase containing surfactant in polyvinyl alcohol aqueous solution. The solvent is removed from emulsion.

- DETAILED DESCRIPTION - A microparticle is obtained by forming an oil/water emulsion. The emulsion is formed by mixing an oil phase containing an in-vivo biodegradable and absorbable hydrophobic high

**molecular compound (1-50 wt.%) dissolved in solvent and water phase containing surfactant (0.01-10 wt.%) in polyvinyl alcohol aqueous solution. The solvent is removed from emulsion. The size of the microparticle is 50-500 μm.**

- An INDEPENDENT CLAIM is also included for an injection agent containing the microparticle for improving urinary incontinence or vesicoureteral reflux disease and for flexible tissue increase.
- ACTIVITY - Uropathic. No test details are given in the specification.
- MECHANISM OF ACTION - None given.
- USE - For treating urinary incontinence or vesicoureteral reflux disease (claimed) by increasing flexibility in tissue.
- ADVANTAGE - The microparticle contains in vivo biodegradable and absorbable polymeric material. The microparticle is safe for use as bone repair material. The particles does not produce any allergic or inflammatory reaction when injected into the living body. The particles can be embedded in the living body for a long period of time.
- (Dwg.0/0)

CN - R00009-K R00009-T R00009-Q R00009-M R06285-K R06285-T R06285-Q R06285-M R00448-K R00448-T R00448-Q R00448-M R09538-K R09538-T R09538-Q R09538-M RA01EA-K RA01EA-T RA01EA-M R24033-K R24033-T R24033-M RA00D5-K RA00D5-T RA00D5-M R16461-K R16461-T R16461-M R16890-K R16890-T R16890-M RA046Y-K RA046Y-T RA046Y-M RA05GF-K RA05GF-T RA05GF-M RA00I9-K RA00I9-T RA00I9-M

DRL - 0009-S 0009-U 0448-S 0448-U

IW - MICROPARTICLES TREAT URINE INCONTINENCE REFLUX DISEASE COMPRISING BIODEGRADABLE HYDROPHOBIC HIGH MOLECULAR COMPOUND POLYVINYL ALCOHOL AQUEOUS SOLUTION CONTAIN SURFACTANT

IKW - MICROPARTICLES TREAT URINE INCONTINENCE REFLUX DISEASE COMPRISING BIODEGRADABLE HYDROPHOBIC HIGH MOLECULAR COMPOUND POLYVINYL ALCOHOL AQUEOUS SOLUTION CONTAIN SURFACTANT

NC - 001

OPD - 2000-07-12

ORD - 2002-01-22

PAW - (TERU ) TERUMO CORP

TI - Microparticle for treating urinary incontinence and vesicoureteral reflux disease, comprises biodegradable hydrophobic high molecular compound in polyvinyl alcohol aqueous solution containing surfactant

A01 - [001] 018 ; P1707 P1694 D01 ; S9999 S1025 S1014

- [002] 018 ; D10-R ; P0839-R F41 D01 D63 ; S9999 S1025 S1014

- [003] 018 ; ND01 ; Q9999 Q8037 Q7987

A02 - [001] 018 ; D10-R ; P0839-R F41 D01 D63 ; S9999 S1025 S1014

- [002] 018 ; R24028 P0599 D01 D11 D10 D50 D63 D84 F41 ; R24090 D01 D10 D11 D50 D63 D85 F41 P0599 ; S9999 S1025 S1014

- [003] 018 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ; H0000 ; P0839-R F41 D01 D63 ; S9999 S1025 S1014

- [004] 018 ; R00448 G2108 D01 D11 D10 D50 D60 D82 F27 F26 F36 F35 ; R00009 G2108 D01 D11 D10 D50 D60 D83 F27 F26 F36 F35 ; H0022 H0011 ; P0839-R F41 D01 D63 ; S9999 S1025 S1014

- [005] 018 ; R01295 G2131 D01 D23 D22 D31 D42 D50 D77 D86 F43 ; H0000 ; P0055 ; P0839-R F41 D01 D63 ; S9999 S1025 S1014

- [006] 018 ; B9999 B3509 B3485 B3372

- [007] 018 ; ND01 ; Q9999 Q8037 Q7987  
A03 - [001] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ;  
R00370 G1558 D01 D11 D10 D23 D22 D31 D42 D50 D73 D83 F47 ; H0022  
H0011 ; H0044-R H0011 ; P0055 ; P0975-R P0964 F34 D01 D10  
- [002] 018 ; R00351 G1558 D01 D23 D22 D31 D42 D50 D73 D82 F47 ; H0000  
; P0055 ; P8004 P0975 P0964 D01 D10 D11 D50 D82 F34 ; M9999 M2153-R  
; M9999 M2186 ; S9999 S1025 S1014  
- [003] 018 ; G0635 G0022 D01 D12 D10 D23 D22 D31 D41 D51 D53 D58 D75  
D86 F71 ; H0000 ; H0011-R ; S9999 S1025 S1014  
- [004] 018 ; R24033 G3714 P0599 D01 F70 ; S9999 S1025 S1014  
- [005] 018 ; ND01 ; Q9999 Q8037 Q7987  
- [006] 018 ; Q9999 Q9110

